PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Unde	rthe Paperwork Reduction Act of 1995, no persons are requir	ed to respond to a collection of informa	ition unless it contains a valid OMB control number
Substitute for form 1449/PTO		Co.	mplete if Known 0 0 9
		Application Number	44131178
I N	IEODMATION DISCLOSUDE	Filing Date	March 15, 2006
		First Named Inventor	YERLY
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Art Unit		
	(Use as many sheets as necessary)	Examiner Name	
Sheet	1 of 3	Attorney Docket Number	YERJ-3

			U. S. PATENT D			
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevar Figures Appear	
		Number-Kind Code ^{2 (f known)}			Figures Appear	
		US-				
		US-				
		US-			·	
		US-				
		US-				
		US-		- 		
		US-				
		US-				
· · · ·		US-				
		US-		<u></u>		
		US				
		US-				
		US-				
-		US-				
		US-			•	
		US-				
		US-				
		US-				
		US-				

		FORE	IGN PATENT DOCL	MENTS		
Examiner Initiats*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	™
		ED 0070440-4	07.05.4000			E
	L	EI 0010-40 A	07*23*1330	I otali o t		ᄃ
		WO 00/04000 A				I
		VVO 02/04330 A	01-17-2002	1 City		
_		DE 279083 C	10-09-1914	Deutsche Maschinenfat		╫
		DE 380830 C	104.04.4040			
			101-21-1310	KIOSCHEI		
		DE 261420 C	100.40.4042			\mathbf{L}^{-}
		DE 201720 O	100-13-1313	Filma Becker		
		EP 4057776 A	12.06.2000			
	I	LI 1031710 A	15 00 5000	Tony		4

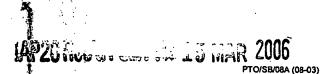
Examiner Signature	/Thomas Brahan/	1	Date Considered	03/28/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

1



Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** March 15, 2006 Filing Date INFORMATION DISCLOSURE First Named Inventor YERLY STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) **Examiner Name** Sheet 2 Attorney Docket Number YERJ-3

Examiner	Cite	Document Number	U. S. PATENT D		1 5
Initials*	Cite No.1	Socament Namber	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where
		Number-Kind Code ^{2 (7 known)}	MINI-DO-1111	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
		US-			
		US-			
		US-	† 		
		US-	 		
		US-	-		
		US-			
		US-	 		
		US-	1	····	
		US-		· · · · · · · · · · · · · · · · · · ·	
		US-	 	· · · · · · · · · · · · · · · · · · ·	
		US-	 		

		FORE	IGN PATENT DOCU	MENTS		
Examiner initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ.
		Country Code ³ "Number ⁴ "Kind Code ⁸ (# known)	MM-DD-YYYY	MM-DD-YYYY	Or Relevant Figures Appear	78
	<u> </u>					
	<u> </u>					
						<u></u>
						┢
						▙

Examiner			
	/Thomas Brahan/	Date	00/00/0007
Signature	/ momas branan/	Considered	03/28/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Translation is statched.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitu	te for form 1449/PTO				Complete if Known
	FORMATION DISCLOSUE		Application Number	10/671000	
INF	ORMATION	DIS	CLOSURE	Filing Date	March 15, 2006
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Yerly
				Art Unit	
	(Use as many sne	ets as n	ecessary)	Examiner Name	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Application Number Filling Date First Named Inventor Yerly Art Unit	YERJ-3				

Evamine:	Cito	NON PATENT LITERATURE DOCUMENTS Licelyde pages of the cutter (in CARITAL LETTERS) title of the opticle (when consensite) title of	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Database WPI: Section PQ, Week 197744, Derwent Publications Ltd., London,	
		GB; Class Q38, AN 1977-J9307Y & SU 524762A (Soroka) 11 November 1976	
		Database WPI: Section PQ, Week 198823, Derwent Publications Ltd., London, GB: Class O38, Ap 1988-155526 & DD 261429 C (Firma Becker) 19 June 1913.	
		26 25	
		\$ 	
	<u> </u>		
		·	<u> </u>
	,		
		, <u>.</u>	
		· in	

Examiner	/Thomas Brahan/	Date	03/28/2007
Signature	7 Monas Branan	Considered	03/20/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

² AMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 509. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO			Complete if Known		
(Application Number	
INF	ORMATION	I DIS	CLOSURE	Filing Date	March 15, 2006
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Yerly
	// tan an at a	4		Art Unit	
	(Use as many she	ets as n	ecessary) 2	Examiner Name	
Sheet	7	of	ß	Attorney Docket Number	YERJ-3

Examiner Initials*	Cite No.1	NON PATENT I Include name of the author (in CAP the item (book, magazine, journal, s	ITAL LETTERS),	title of the article (wh	nen appropriate), title of	T ²
		number(s), publi	sher, city and/or o	ountry where publis	hed.	
	<u>.</u>	Database WPI: Section PQ, V				
						<u> </u>
		Database WPI: Section PQ, WGB; Class Q38, An 1988-1555				_
		GB, Class Q30, All 1900-1939.		•		<u> </u>
			- (Tech Hac	1405 4-100 CS	3 January 1998	
		·		Trai Guery I	3 January 1778	
					·	
						<u> </u>
	ļ	· ·				
	ļ		•			
	ļ !					
		•				
	_	· · · · · · · · · · · · · · · · · · ·	·	<u> </u>		
			4			
			1	·····	·	
	_					
			¥-			
Examiner		/Thomas Brahan/	*	Date	03/28/2007	

		<u>\$</u>		
Examiner Signature	/Thomas Brahan/		Date Considered	03/28/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Co		
Application Number		······································
Filing Date	March 15, 2006	,
First Named Inventor	YERLY	
Art Unit		
Examiner Name		
Attorney Docket Number	YERJ-3	

Examiner	Cita	Document Number	U. S. PATENT Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No.1	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		US-	- 		
		US-			
		US-			
		US-			
		US-	·		
		US-	· · · · ·		
		US-			
		US-			\
		US-			
		US-			
		US-		e: •	
		US-			
		US-			
		US-			
		US-		•	
		US-			
		US-			
		UŞ-			
		US-			

Examiner Initials*	Cite No.1	Foreign Patent Document	FOREIGN PATENT DOCU Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ.
		Country Code ³ Number ⁴ Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	Ľ
- ЛТВЛ		DE 3438937 A1	04/24/1986	Liebherr-Werk		
/TiB/		DE 1260733	02/08/1968	DiplIng Herbert		
/TjB/		FR 2605619	04/29/1988	Pontain S.A.		
						L

Examiner Signature	/Thomas Brahan/	Date Considered	03/28/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 if possible. ⁴Applicant is to place a check mark here if English tanguage Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

/	PEA						
O o	CT 0 2006 W	ction_A	<u>ct of 199</u>	15, no persons <u>8</u> 1	U.S. Paten	PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031 t end Trademark Office; U.S. DEPARTMENT OF COMMERCE n of information unless it contains a valid OMB control number.	
_	87					Complete if Known	
*	Substitute logicity 1449/PTO				Application Number		
	INFORMATION	DIS	CLC	OSURE	Filing Date	March 15, 2006	
	STATEMENT B	ΥA	PPL	ICANT	First Named Inventor	Yerly	
	_				Art Unit		
	(Use as many shee	ets as r	1000558	N)	Examiner Name		
	Sheet 21	of	3	1	Attorney Docket Number	YERJ-3	

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Database WPI: Section PQ, Week 197744, Derwent Publications Ltd., London. GB; Clase Q38, AN 1977-J9307Y & SU 524762A (Soroka) 11 November 1976	
		Database WPI: Section PQ, Week 198823, Derwent Publications Ltd., London, GB, Class Q38, An 1988-155526 & DD 261429 C (Firma Becker) 19 June 1913.	
		1900226945 of 100253240 A	
		(Tech Hach Von Guer) 13 January 1998	
		* · · · · · · · · · · · · · · · · · · ·	

Examiner Signature	/Thomas Brahan/	Date Considered	03/28/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.